

## US Department of Energy Groundwater Database Groundwater Master Report

**Installation Name, State:** Miamisburg Environmental Management Project  
**Responsible DOE Office:** Office of Legacy Management

**Plume Name:** Tritium  
**Remediation Contractor:** SM Soller Corporation

**Report Last Updated:** 2008

### Contaminants

Halogenated VOCs/SVOCs Present? **Yes**

VOC Name	Concentration (ppb)	Regulatory Driver	Cleanup Requirement
TCE	15	Yes	5

Fuel Present? **No**

Metals Present? **No**

Isotopes Present? **No**

Explosives Present? **No**

Other Contaminants? **No**

Tritium Present? **No**

Nitrates Present? **No**

Sulfates Present? **No**

### Hydrogeology

Conduit Flow? **Yes**

Multiple Units Affected? **No**

Depth (feet): **25**

Avg Velocity (feet/year):

### Plume Information (no source)

Source **Not Present**

Plume Status **Plume static or shrinking in size**

Area of Plume (acres):

### Remedial Approach

Remedy Name	Status	Start Date	End Date
air sparge	Confirmed		2005
monitored natural attenuation	Completed	2004	
pump and treat	Confirmed		2005
soil vapor extraction	Confirmed		2005

### Groundwater Use / Exit Strategy

Potable? **No**

Sole Source Aquifer? **No**

Does an Exit Strategy Exist? **Yes**

Basis for Exit Strategy: **Target Concentration**

### Environmental Indicators (EIs)

Groundwater Migration Under Control? **Yes**

Confirmed by Lead Regulator? **Yes**

Current Human Exposure Acceptable? **Yes**

Confirmed by Lead Regulator? **Yes**

### Regulatory

Decision Document? **Decision Document in Place**

Date Approved **July 2003**

Lead Regulatory Agency: **Federal**

Regulatory Driver: **CERCLA**

Regulatory Position on Groundwater Use Same as Site? **Yes**

### Comments

Selected remedy of MNA for TCE impacted groundwater in bedrock wells and seep. Down gradient Buried Valley Aquifer (sole source) has shown low levels of TCE; however, none exceed the MCL of 5ppb.